

**Medical Imaging  
Bachelor of Health Science (B.H.S.)  
2018-2019**

**Program Admission Requirements:**

	Associate's degree or higher in a healthcare program from an approved Allied Health program. The following are examples of acceptable health care programs: <ul style="list-style-type: none"> <li>• Respiratory Therapy</li> <li>• Radiologic Technology</li> <li>• Physical Therapist Assistant</li> <li>• Occupational Therapy Assistant</li> </ul>
	Provide documentation that you are credentialed, licensed, or registered in a healthcare profession.
	You must have a cumulative GPA of 2.50 on a 4.00 scale.

**Completed Certificate from one of the following:**

	Diagnostic Medical Sonography - Cardiac
	Diagnostic Medical Sonography – General
	Diagnostic Medical Sonography – Vascular

**Required Course:** 3 credit hours:

	AL 320 Human Disease
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**Required Related Courses for Major:** 9 credit hours in the department, please choose from the following:

	AL 366 Legal & Regulatory Issues for the Health Care Professional
	AL 367 Health Care Quality Improvement
	AL 375 Health Care Policy
	AL 399 Health Information Systems
	AL 400 Supervisory Practices for the Health Care Professional
	AL 405 Financial Issues in Health Care
	AL 420 Current Issues in Health Care
	AL 450 Knowledge Management in Health Care
	AL 460 Research in Health Care
	AL 480 Seminar in Health Care

**General Education Requirements (BHS):**

Humanities (9) (GEHU/GECPA) (Max 6 hours/ discipline)	Course Number	Social Sciences (9) (GESS) (Max 6 hours/ discipline)	Course Number	Natural Sciences/ Mathematics (9) (GENS) (Max 8 Hours or 2 Courses/Discipline)	Course Number
Fine Arts (3)		Soc. Science 1 (3)		Nat. Science 1 (3-5)	
Humanities 1 (3)		Soc. Science 2 (3)		Nat. Science 2 (3-5)	
Humanities 2 (3)		Soc. Science 3 (3)		Nat. Science 3 (3-5)	

**Core University/BHS-Specific Requirements:**

WU 101 (3)*		Total Hours ( $\geq 120$ )	
EN 101 (3)		Upper Division (300 and above) (45)	
EN 300 (3)		$\geq 2.0$ Major Cumulative GPA	
MA 112 or MA 116 (3)**		$\geq 2.0$ Overall Cumulative GPA	
Completed Allied Health Certification		Completed Allied Health Associate Degree	

*\*Students transferring with 24 or more credit hours completed at an accredited post-secondary institution (after graduating from High School) with a GPA of 2.0 or higher are exempt from this requirement*

*\*\*May be waived if student successfully completes a higher-level mathematics course with a grade of C or higher or if a student presents an ACT score in mathematics of at least 28 (SAT of at least 640)*

**Sample 4-Year Schedule for Medical Imaging Major  
Bachelor of Health Science  
Including Completion of Associate of Science in Occupational Therapy Assistant  
& Diagnostic Medical Sonography Certificate-Cardiac  
126-129 Hours**

Curriculum for students starting 2018-2019 Academic Year  
Students starting in different academic years should contact their advisor.

<b>Summer Session</b>			
BI 100 – Introduction to Biology	3		
AL 161 – Foundations of Occupational Therapy	2		
<b>TOTAL</b>	<b>5</b>		
<b>Freshman</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
*WU 101 – Washburn Experience	3	BI 230 – Human Physiology	3
EN 101 – First Year Writing	3	PY 100 – Basic Concept in Psychology	3
BI 250 – Human Anatomy	3	AL 320 – Human Disease	3
AL 101- Foundations of Health Care	3	AL 165 – Special Considerations for OTAs in Psychosocial Disorders	1
AL 162 – Occupational Therapy Interventions I	3	AL 166 – Occupational Therapy Interventions II	3
AL 163 – Foundations of Occupational Therapy II	3	AL 167 – Foundations of Occupational Therapy III	3
AL 164 – Level I Fieldwork I	1		
<b>TOTAL</b>	<b>16/19</b>	<b>TOTAL</b>	<b>16</b>
<b>Summer Session</b>			
MA 112 or MA 116 – Contemp. College Mathematics or College Algebra	3		
AL 186 – Cardiopulmonary Assessment in Allied Health	2		
<b>TOTAL</b>	<b>5</b>		
<b>Sophomore</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
SO 101 – American Social Problems	3	AR/MU/TH General Education	3
AL 252 – Psychosocial Occupational Therapy	3	Humanities General Education	3
AL 253 – Level I Fieldwork II	1	AL 255 – Level II Fieldwork	8
AL 254 – Current Topics in Occupational Therapy	2		
AL 257 – Applied Neurophysiology - OTA	3		
<b>TOTAL</b>	<b>12</b>		<b>14</b>
<b>Completion of Associate of Science Major: Occupational Therapy Assistant</b>	<b>68-71 hours</b>		

<b>Junior</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
AL 300 – Intro to Diagnostic Medical Sonography	3	AL 331 – Sonography Principles & Instrumentation II	3
AL 330 – Sonography Principles & Instrumentation I	3	AL 384 - Cardiac Procedures II	3
AL 383–Cardiac Sonography Procedures I	3	AL 386 – Cardiac Sonography Clinical II	6
AL 385 – Cardiac Sonography Clinical I	6		
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>12</b>
<b>Senior</b>			
<b>Summer Semester</b>			
AL 332 – Sonography Principles, Instrumentation III, & Registry Review	2		
AL 387 – Cardiac Sonography Clinical III	3		
AL 388 – Cardiac Procedures III & Registry Review	2		
<b>TOTAL</b>	<b>7</b>		
<b>Completion of Diagnostic Medical Sonography Certificate</b>	<b>34</b>		
<b>Major: Cardiac Sonography</b>	<b>hours</b>		
<b>Senior Plus</b>			
<b>Fall Semester</b>		<b>Spring Semester</b>	
EN 300 – Advanced College Writing	3	Natural Science General Education	3
Allied Health Upper Division Electives*	3	Soc. Sci. General Education	3
Humanities General Education	3	Allied Health Upper Division Electives*	6
Natural Science General Education	3		
<b>TOTAL</b>	<b>12</b>	<b>TOTAL</b>	<b>12</b>
<b>Completion of Bachelor of Health Science</b>	<b>24</b>		
<b>Major: Medical Imaging</b>	<b>hours</b>		

\*Students entering Washburn direct from high school should enroll in WU 101 or HN 101 (conditional upon admittance into the Honors Program)

\*Only recommended if pursuing the BHS

\*Allied Health Upper Division Electives must be chosen from the following:

- AL 366 – Legal & Regulatory Issues
- AL 367 – Health Care Quality Improvement
- AL 375 – Health Care Policy
- AL 399 – Health Information Systems
- AL 400 – Supervisory Practices
- AL 405 – Financial Issues in Health Care
- AL 420 – Current Issues
- AL 450 – Knowledge Management